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Library Publishes Catalog for "Buckaroos in Paradise" Exhibit

Many people believe that the spurs, chaps, branding irons, and camp fires of the American cowboy headed for the last roundup long ago. Aside from its reincarnation in movies and fashion, the life of the American cowboy is thought to have closed with the last frontier. But the Library of Congress and the Smithsonian Institution have found the American cowboy alive and well and living in Paradise—Paradise, Nev., to be exact.

Two years ago the Library of Congress and the Smithsonian led a team of folklorists, historians, anthropologists, archeologists, and photographers into this region to document the life-styles and customs among the small group of ranches that dot the 480 square miles of Paradise Valley. Here they found self-reliant, hardworking, independent men called "buckaroos" (possibly an Anglicized version of the Spanish *vaquero*) still practicing, if somewhat self-consciously, the traditional cowboy life.

Buckaroos in Paradise: Cowboy Life in Northern Nevada, recently published by the Library of Congress, accompanies an exhibit of the same name currently on view at the Smithsonian Institution's National Museum of History and Technology. Howard W. Marshall of the Library's American Folklife Center has written an introductory essay on the buckaroo way of life, and Richard E. Ahlborn of the Smithsonian has provided an exhibition checklist and notes on the 244 items in the exhibition. Over 100 photographs of the tools, clothing, furnishings, buildings, people, and events associated with the buckaroo provide tangible evidence of the beauties and realities of this vanishing way of life, from sweeping panoramas of the Nevada desert to the minute details of a treasured hat, coffee cup, or saddle bag. Many of the photographs are full or half page, giving the readers in 96 pages something they may never have again: a taste of Paradise.

Buckaroos in Paradise: Cowboy Life in Northern Nevada is for sale for $7.95 at the Information Counter at the Library of Congress Thomas

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This photograph of Dan Martinez at a spring branding near one of the Circle A line camps is the cover illustration for the Buckaroos in Paradise *catalog.*

Jefferson Building, or by mail from the Information Counter at the Library of Congress, Washington, D.C. 20540. Publication of this book through the Elizabeth Hamer Kegan Fund of the Library of Congress was assisted by a generous donation from the Garvey Kansas Foundation, Wichita.

Sidney Harth, Menahem Pressler Will Perform on November 7

Violinist Sidney Harth and pianist Menahem Pressler will present a joint recital in the Library's Coolidge Auditorium on Friday evening, November 7. The program, sponsored by the McKim Fund, will include Beethoven's Sonata in D major for violin and piano, Op. 12, No. 1, the Sonata in D minor for solo violin, Op. 27, No. 3 by Eugene Ysaÿe, *Baal Shem (Three Pictures of Chassidic Life)* for violin and piano by Ernest Bloch, *Gaspard de la Nuit* for solo piano by Maurice Ravel, and Edvard Grieg's Sonata in C minor for violin and piano, Op. 45.

Sidney Harth has had a multifaceted musical career, as violinist, conductor, and educator. After studies at the Cleveland Institute with Joseph Knitzer, his performing career was launched in 1957 when he became the first American awarded the Laureate Prize in the Wieniawski Violin Competition in Poland. He has since performed on five continents and served as concertmaster with the New York and Los Angeles Philharmonic orchestras under Zubin Mehta and the Chicago Symphony under Fritz Reiner. He has been acting music director of the Jerusalem and Puerto Rico Symphony Orchestras and has held the post of associate conductor with both the Los Angeles Philharmonic and Louisville Orchestra. From 1963 to 1973, Mr. Harth was the Andrew W. Mellon permanent professor of music at Carnegie Mellon University, where he also headed the Department of Music. Most recently, he has been guest artist-in-residence at the University of Wisconsin.

Menahem Pressler is known to many through his association with the Beaux Arts Trio. Born in Magdeburg, Germany, he and his family fled to Israel during the Nazi regime. In his adopted country, he began his professional musical career at the age of 17. On his first American tour he performed with the Philadelphia Orchestra and was awarded an unprecedented three-year contract for solo appearances each season. He has since appeared with many orchestras and distinguished chamber ensembles in this country and in Europe. Mr. Pressler currently lives in Bloomington, where he is a professor of music at Indiana University.

The *Library of Congress Information Bulletin* is issued weekly by the Library of Congress and distributed free of charge to publicly supported libraries and research institutions, academic libraries, learned societies, and allied organizations in the United States.

Comparable institutions and organizations in other countries may arrange to receive the *Bulletin* on the exchange basis by applying in writing to the Library's Exchange and Gift Division. All other correspondence should be addressed to the LC *Information Bulletin*, Information Office, Library of Congress, Washington, D.C. 20540.

The concert on November 7 will begin at 8 p.m. Tickets will be distributed by Patrick Hayes, 1330 G St. N.W. (Jordan-Kitt's), beginning at 8:30 a.m. on Monday, November 3. A service charge of 25 cents is placed on each ticket, and only two tickets will be distributed to an individual. Telephone reservations may be made on Monday morning by calling the Patrick Hayes box office at 393-4463. Mail orders are not accepted.

The concert will be broadcast live by radio station WETA-FM and made available to stations in other cities through the Katie and Walter Louchheim Fund in the Library of Congress.

Five Bulgarian Poets Will Read on November 17

Five distinguished Bulgarian poets will read from their work in the Assembly Room of the James Madison Memorial Building on Monday evening, November 17, at 8 o'clock.

The five poets are Bojidar Bojilov, who is also a playwright, novelist, and author of children's books and who has been a journalist, newspaper editor, and director of a publishing house; Georgi Djagarov, a graduate of the Maxim Gorky Literary Institute; Luchezar Elenkov; Vladimir Golev, who studied law at Sofia University and came to poetry relatively late in life; and Lyubomir Levchev, president of the Union of Bulgarian Writers. English translations will be read. The program is sponsored by the Gertrude Clarke Whittall Poetry and Literature Fund. No tickets are required. Following the reading, the audience will have the opportunity to meet the poets.

The Madison Building Assembly Room is located on the sixth floor in the center of the building, (room 649). An usher will be stationed inside the main entrance of the Madison Building (on Independence Ave.) to direct visitors to the Assembly Room.

H.R. 6933 Is Still Pending

The House of Representatives adjourned on October 2 without taking any action on H.R. 6933, a bill to amend the patent and trademark laws. H.R. 6933 had been reported to the House by the Committee on the Judiciary on September 9. It was then sequentially referred to the Committee on Government Operations, which deleted from the bill section 9, which required a report by the Comptroller General on the functioning and efficiency of the Patent and Trademark Office, the Copyright Office, and the Copyright Royalty Tribunal. The bill was reported (House Report 96-1307, pt. 2) to the House by the Committee on Government Operations on September 23. Among the provisions remaining in the bill of special interest to the Copyright Office is the section amending the Copyright Act of 1976 to clarify the protection of computer programs.

Music from Marlboro Inaugurates Area Series on November 8

Music from Marlboro will make its first appearance in its new Washington, D.C., home, the Coolidge Auditorium of the Library of Congress, on Saturday, November 8, at 5:30 p.m. That concert will be the first in a series of three during the 1980-81 season, the others to take place on Saturday, January 31, and Saturday, May 16.

Featured on the first Marlboro program will be violinist Hiroko Yajima, cellist Gary Hoffman, and pianist Andras Schiff in a program including Haydn's Trio in E flat, H.XV:29, Bartok's Sonata No. 1 for violin and piano, and the Trio in G minor, Op. 15, of Bedrich Smetana.

Hiroko Yajima and Andras Schiff are already admired by Coolidge Auditorium audiences, the former having been heard in concert with violist Samuel Rhodes and pianist Lee Luvisi in the spring of 1979, and Mr. Schiff, a recent Naumberg winner, having appeared with the Juilliard String Quartet earlier this fall. Gary Hoffman, a former student of Janos Starker, Mistislav Rostrovich, and Gregor Piatigorsky, was 1979 recipient of the Piatigorsky

Andras Schiff, Hiroko Yajima, Gary Hoffman
[Photograph by George Dimock]

Award and is currently professor of cello at Indiana University.

Now celebrating its 30th anniversary year, the Marlboro Music Festival has become, in the words of one critic, "perhaps the highest concentration of artistic activity, of whatever kind, that takes place anywhere, anytime in the United States and possibly the world." It is particularly appropriate that the Music from Marlboro concerts, now in their 16th season, will now be heard in the Coolidge Auditorium, the scene of the American debut, in 1933, of Marlboro artistic director Rudolf Serkin.

Tickets for the series are available on a first-come, first-served basis by mail. Ticket request forms may be obtained from the Music Division, Library of Congress, Washington, D.C. 20540, (202) 287-5502.

New Guide Describes Library's Portuguese Manuscripts

The Portuguese Manuscripts Collection of the Library of Congress, A Guide, a recent Library publication compiled by Christopher C. Lund and Mary Ellis Kahler, describes 537 items contained in the Library's Manuscript Division. The manuscripts, covering a broad range of years and topics, were acquired by the Library of Congress primarily in 1927 from Antonio Augusto de Carvalho Monteiro and in 1929 from the Conde de Olivais e Penha Longa.

Significant numbers of items in the collection are concerned with Sebastianism; Luis de Camões, author of Portugal's epic poem *Os Lusíadas;* and the military orders of knighthood. Sebastianism is defined as the belief that King Sebastian (1554-1578), killed in North Africa, had instead escaped and would return to restore Portugal to its past greatness. The death of Sebastian had led to Spanish domination of Portugal from 1580 to 1640. Items in the guide, narratives and prophecies covering the return of Sebastian, are accounts about imposters who pretended to be the fallen king, or that combine supernatural, biblical, historical, and literary elements in a heroic vision of a glorious future. The manuscripts include variant versions of the best-known prophecies and histories.

The material related to Luis de Camões (1517-1579) includes items prepared for the third centenary of his death and volumes of poetry by other writers, largely from early periods.

Works about the orders of knighthood, including such Portuguese orders as the Order of Avis and the Order of Christ, form a substantial body of the collection. Much of it pertains to the rules, regulations, or constitutions of the orders, while other portions relate to their internal management, income, and benefices.

Several general works of history, in Italian, French, and Latin, as well as in Portuguese, are found in the collection. Histories of Portuguese sovereigns, letters of 17th-century diplomatic figures, the letter book of Pernambucan and Bahian captain-general Manoel de Cunha Menezes (containing 201 letters dated from 1774 to 1779), items relating to the Peninsular Wars, the Miguelist civil strife of Portugal, royal funeral ceremonies, the Inquisition, and genealogy also appear.

The earliest manuscript in the collection is an instrument of quitrent for a vineyard at Elvas, dated September 30, 1438. The most recent items were prepared in the early decades of the 20th century. The entire collection represents the interest, abiding and passing, of men of wealth of late 19th-century Portugal. There is much to be found in the collection that is of literary and historical value.

Copies of the 187-page guide are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 for $8 or, in person only, from the Information Counter in the Visitor Services Center, Thomas Jefferson Building.

Library Issues New Edition of MARC Formats

The Library has announced the availability of a new integrated edition of *MARC Formats for Bibliographic Data,* prepared by Elaine W. Woods under the direction of Mary Kay Daniels Ganning, bibliographic systems specialist in the Automated Systems Office. This new loose-leaf edition takes the place of the MARC formats for books, films, manuscripts, maps, music, serials, and their addenda, all of which were formerly published separately. Updates to this publication will be available on a quarterly subscription basis.

In addition to specifying the name of the tag, subfield codes, and indicator values, the basic text includes full descriptions, tag and subfield code repeatability information, and general editing information of a national nature as well as editing practices unique to the Library of Congress. The basic text is supplemented by four appendixes which include indexes, code lists, record structure, and history.

During the past decade, the MARC communications formats have grown dramatically, in terms of both use and scope. Although the need for new editions to several of the formats was recognized several years ago, it became feasible only recently, through the

October 24, 1980

STAFF NEWS

Helen McElhenie Retires

Helen J. McElhenie, telecommunications attendant in the Communications Unit of the Central Services Division, retired on September 26. During a farewell party held in her honor by her coworkers, she was presented an engraved gold locket.

Her entire Federal service was with the Communications Unit. During the seven years she worked at the Library, she received two promotions and, in 1977, along with her colleagues, a group award.

A native of Cleveland, Ohio, she graduated from McKinley High School in Canton, Ohio. In retirement, she will live with her son in Marysville, Pa., where she plans to enjoy traveling and being a grandmother.

Officer Janifer Receives 25-Year Pin

Officer Marshall Janifer of the Special Police Force, Buildings Management Division, received a 25-year Federal Service Award pin on September 24 from Associate Librarian for Management Glen Zimmerman.

Capt. Romanelli congratulates Mr. Janifer as Mr. Laffey looks on.

our goal $135,000
100%
90%
80%
70%
60%
50%
40%
$50,802.35
38%
The good health we take for granted, this child will never know. But you can share your good fortune by putting this little boy back on his feet. Pledge your support to CFC through payroll deduction.
CFC
COMBINED FEDERAL CAMPAIGN
OF THE NATIONAL CAPITAL AREA

A native of the District of Columbia, Officer Janifer began his career as a hospital attendant. He then spent 20 years as a member of the Metropolitan Police Force before joining the Library in 1977. He resides in Washington with his wife and three sons.

Also present at the award ceremony were Capt. Damian Romanelli of the Special Police Force and John J. Laffey, assistant chief of the Buildings Management Division.

Margaret Monte Awarded 25-Year Pin

Margaret Monte, janitor in the Buildings Management Division, was presented with a 25-year Federal Service Award pin on September 19 by Mr. Zimmerman.

Mrs. Monte's entire career in the Federal Government has been as an employee in the Buildings Management Division. A native Washingtonian, Mrs. Monte began her Library service in September 1955.

Mr. Zimmerman and Mrs. Monte

Also attending the presentation in Mr. Zimmerman's office were Gerald T. Garvey, chief, Buildings Management Division; Clyde McPhatter, head, Buildings Services Section, Buildings Management Division; and Haskell Caldwell, Mrs. Monte's immediate supervisor in the John Adams Building.

Robert Fendell Presented 20-Year Pin

Robert E. Fendell, senior processor in the Periodical Section of Serial and Government Publications Division, received a 20-year Federal Service Award pin from William G. Sartain, acting assistant chief of the division, on September 26.

Mr. Fendell is a native of Washington, D.C., and a graduate of Eastern High School. Before joining the Library staff in 1967, Mr. Fendell served with the 68th Armored Battalion in the Federal Republic of Germany during the 1961 Berlin Crisis. While in Europe, Mr. Fendell attended the U.S. Armed Forces Institute, taking courses in administration and language.

Mr. Fendell began his career with the Library as a deck attendant in the Newspaper Unit of the former Serial Division. He was promoted to his present position in September 1971.

The **Women's Studies Discussion Group** will hold its next meeting on Friday, December 5, at 12:30 p.m. in the Page School, LJ 324A. Christine Allen of Concordia University will present the first part of her survey of the concept of woman in the history of philosophy. All interested staff and researchers are invited to attend this informal, lunch-hour group. Additional information may be obtained by calling Sarah Pritchard in the Main Reading Room on ext. 75520.

Racks for bicycle parking are now available to staff members in the garage of the James Madison Memorial Building. Located in a marked area close to the Second Street ramp, the racks will accommodate 60 bicycles on a first-come basis. In order to avoid accidents, cyclists should use the raised walkway when entering and leaving the garage by the Second Street ramp, which is open from 5:45 a.m. until 9:45 p.m.

Catalog Closing/AACR 2 Subjects Of LCPA Program in November

On Wednesday, November 5, the Library of Congress Professional Association will sponsor a program led by Director for Cataloging Lucia Rather on the Library's plans for closing the catalogs and implementing the second edition of the *Angle-American Cataloguing Rules.* The meeting will begin at noon in the Coolidge Auditorium. Staff members whose attendance at the program may require time beyond the normal lunch period should consult their supervisors.

On-Line User Group to Meet

The Library of Congress On-line User Group will sponsor its next program on Thursday, November 13, at 1 p.m. in the Whittall Pavilion. Speakers from the Copyright Office will discuss, in detail, the use and effects of on-line systems in that department. Staff members whose attendance may require time beyond the normal lunch period should consult their supervisors.

Staff Activities

Patrick Frazier, reference librarian in the General Reading Rooms Division, is the author of an article, "Alien in the Reading Room," that appeared in the October issue of *American Libraries.* In a manner both informative and humorous, Mr. Frazier describes his initial anxiety and eventual "love" of the Library's computers.

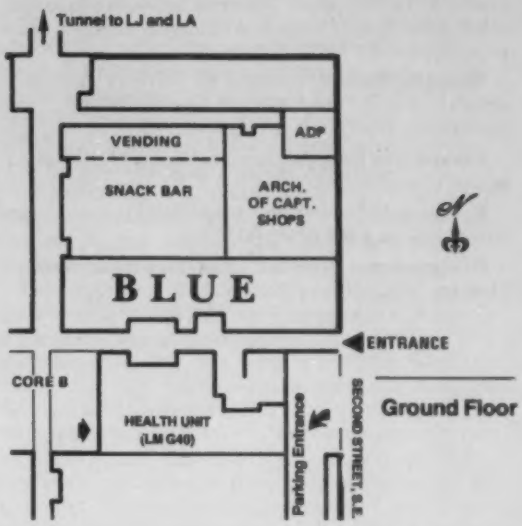
Health Care Complex Moves to Madison

The Health Services Office has opened expanded facilities in a new health room in the James Madison Memorial Building. Located on the ground floor (LM G40) and open from 8:30 a.m. to 4:30 p.m., the new office and clinic area has an EKG room, laboratory, four treatment rooms, and several patient resting rooms.

In addition to such special programs as an allergy clinic, flu immunization, and heart evaluation, the new facility will have cancer screening and medical examinations. These examinations were formerly given exclusively at the Navy Yard Annex, which in the future will function as an additional Health Services unit. The Health Services units of the Thomas Jefferson and John Adams Buildings will maintain their present hours.

Services are provided to staff members by a highly trained staff consisting of a physician, a part-time psychiatric consultant, three nurse practitioners (who have additional training in assessing health problems), seven occupational health nurses (full-time and part-time), and clerical support.

In order to make an appointment or for additional information concerning programs offered, staff members can reach the new Health Room on ext. 78035/8036.



Allan Nanes, specialist in United States foreign policy, Foreign Affairs and National Defense Division, is coeditor of the just-published *The United States and Iran—A Documentary History.* Published by University Publications of America, the book contains documents representative of U.S.-Iranian relations from their beginnings to the abortive attempt to rescue the hostages, as well as a general introduction and explanatory commentaries.

Eugene Sheridan, associate editor in the American Revolution Bicentennial Office, received the first Alfred E. Driscoll Prize for his dissertation, "Politics in Colonial America: The Career of Lewis Morris, 1671–1746." The award, which consists of a $500 cash award to the author and $2,500 toward publication of the dissertation, is presented annually by the New Jersey Historical Commission. Mr. Sheridan was awarded his doctorate from the University of Wisconsin in 1972.

Birth Announcements

Sally and Joseph Bogert became the parents of a third child, Megan Marissa, born on Monday, August 25, at the Potomac Hospital in Woodbridge, Va. Their two other children are Christopher, age 6, and Heidi, 3. Mr. Bogert is a library technician in the Materials Control Section, Acquisitions and Processing Division.

Greg and Donna Wood announce the birth of their first child, John Charles, born August 29. Mrs. Wood is a cataloging support specialist in the Serials Section, Cataloging Division. Mr. Wood also works in the Copyright Office as a library technician in the Visual Arts Section, Examining Division.

Personnel Changes

Appointments: Audrey Fischer, head, Preservation Section, GS-7, Cop Rec Mgmt, 00502; Lida Junghans, information counter attendant, GS-3, Inf, N104B; David Knight, janitor, WG-1, Bldgs, AM-107E; Daniel Lavering, assistant reference librarian, GS-11, LL AB, 00591; John Schaettler, research analyst, GS-7, FRD, 00560; Zoelin Washington, deck attendant (trainee), GS-3, Ser, G 104C.

Temporary Appointments: Eric Carter, library aid, GS-1, Col Mgmt, NP; Norvin Bullock, library aid, GT-1, Photodup, NP; Marsha Maguire, media clerk, GS-3, AFC, NP; Mark Mowrey, reference assistant, GS-5, CRS F, NP; Pamela Wildhagen, editorial assistant, GS-4, CRS MCR, NP.

Reappointments: Edward M. Davis III, research assistant, GS-7, CRS S, 00524; Frederick White, mail technician, GS-3, Cop Acq & Proc, NP.

Temporary Reappointment: Michael Kolakowski, senior research assistant, GS-9, CRS Gov, 00677.

Promotion: David Koitz, to specialist in social legislation, GS-16, CRS EPW, 00561.

Resignations: Brenda Corbin, Pers R&P; Wendell Holmes, Bldgs; Barry Sklar, CRS F.

December Course Schedule

The Staff Training and Development Office is offering the following list of courses to staff members during the month of December. Nominations for each course are due three weeks in advance of the course starting date. Additional information about classes may be obtained by calling the Staff Training and Development Office on ext. 76348.

Course Starting Date	*Course Title*
December 1	EEO at LC
December 2	Communication Skills
December 9	Telephone Techniques
December 12	Health Assistance Program

cooperative efforts of the Library of Congress and RLIN (Research Libraries Information Network). (A description of this effort appeared in the LC *Information Bulletin* for April 6, 1979, pp. 125-126).

In January 1979, an agreement between the Library and RLIN was signed whereby the data base of U.S. MARC elements located at RLIN would be updated by the Library and a new integrated edition of the MARC communications formats would be generated from that file. During the next year, Elaine Woods, under contract to the Automated Systems Office, completed the major editing of the formats and input the results to the data base resident at RLIN. RLIN staff, under the direction of Jesse J. Herr, were responsible for the modifications made to the file structure and for the production of the integrated format according to the specifications provided by Library of Congress staff.

One of the prime problems with the previous editions was the nature of the printed form, which did not lend itself to update or revision necessitated by the continually changing formats. Beginning with this integrated loose-leaf edition, replacement pages are to be issued on a subscription basis by the Cataloging Distribution Service.

The complete loose-leaf edition, including the appendixes, is priced at $20; 50 or more copies to the same address, $10 each. The following are the prices of the separate parts of the loose-leaf edition: *Basic Text,* $12, or 50 or more to the same address, $6 each; *Appendix I—Indexes,* $6, or 50 or more to the same address, $2 each; *Appendix II—Code Lists,* $3, or 50 or more to the same address, $1.60 each; *Appendix III—Record Structure,* $3, or 50 or more to the same address, 50 cents each; and *Appendix IV—History,* $4.50, or 50 or more to the same address, $1.20 each.

The quarterly loose-leaf update service, September 1980-December 1981, is priced at $30 for the complete set, or 50 or more to the same address, $10 each; *Basic Text,* $17.50, or 50 or more to the same address, $5 each; *Appendix I—Indexes,* $15, or 50 or more to the same address, $2 each; *Appendix II—Code Lists,* $15, or 50 or more to the same address, $2 each; *Appendix III—Record Structure,* $10, or 50 or more to the same address, $1 each; and *Appendix IV—History,* $15, or 50 or more to the same address, $2 each.

Questions of a technical nature regarding content of *MARC Formats* should be addressed to Lenore Maruyama, Network Development Office, Library of Congress, Washington, D.C. 20540, tel. (202) 287-5137.

Orders or requests for subscription information should be addressed to the Customer Services Section, Cataloging Distribution Service, Library of Congress, Washington, D.C. 20541, tel. (202) 287-6100.

Library Publishes 1980 Edition of Filing Rules

The Library of Congress has prepared a new edition of filing rules to be adopted simultaneously with the introduction of the second edition of the *Anglo-American Cataloguing Rules* (AACR 2) in 1981. The *Library of Congress Filing Rules* will be applied in the add-on card catalogs that are begun in 1981, as well as in the printed book catalogs containing AACR 2 catalog records. A provisional version of the same filing rules is already being used to arrange MARC records in the Library of Congress computer-produced bibliographic products.

The new filing rules are based on the 1971 provisional version entitled *Filing Arrangement in the Library of Congress Catalogs* written by John C. Rather. The provisional version has been revised by Susan C. Biebel to reflect the experience gained from using the rules at the Library and to incorporate new filing forms presented in AACR 2. The provisional version differs primarily from the 1980 edition in the filing examples provided and in the addition of an appendix. The underlying assumptions and principles, the logical organization of the rules, and their substantive content, however, have remained unchanged. Any catalog arranged by the new filing rules should be easier to use because there are fewer filing rules to remember and the filing rules produce more consistent results.

Library of Congress Filing Rules, 1980, is available from the Cataloging Distribution Service, Library of Congress, Washington, D.C. 20541, for $5 a copy.

Retrieval Advisory Group Reports Recent Activities

by Robert Zich
Planning and Development Office

The Advisory Group on the Future of LC Retrieval Systems (RAG) spent most of its time during its second six months (November 1979 through May of this year) defining a unified version of the two Library of Congress retrieval systems. RAG submitted to the Committee on Automation Planning (CAP) for approval a definition of the unified system in the form of a paper, "An Integrated General Retrieval System." On August 19, CAP met and strongly endorsed the recommendations which the paper contained. The committee also approved further work by RAG, as outlined below, and determined that the Library should proceed with implementation of the RAG recommendations as resources permit.

The May-November 1979 Retrieval Advisory Group summary report had recommended that small but broadly representative groups of experienced and skilled system users should be formed to specify needed revision in error messages and options for the filing arrangement of bibliographic displays.

The review of current SCORPIO and MUMS error messages began in late February. The objective was to revise error and system messages in order to make them clear and helpful to all users of the Library's retrieval systems. If possible, MUMS and SCORPIO messages were to be made uniform in format and identical for identical errors. Mary Ellen Ward, a member of the Retrieval Advisory Group, has reviewed current messages and drafted revisions, which will in turn be reviewed by a large committee of representative users. The committee has received this 166-page draft and their comments and suggestions were sent to Mary Ellen Ward September 15.

The RAG Subcommittee on User-selected Filing Options held its first meeting last February. This subcommittee includes representation from the Copyright Office (David Eastridge), Congressional Research Service (Shirley Loo), Processing Services (Julianne Beall and Susan Biebel), and Research Services (Porter Humphrey). The subcommittee is defining the various filing options which should be available to users in requesting any set of records which can now be retrieved in control number order. Since February, the committee has held biweekly meetings to consider the basic issues involved in recommending various filing arrangements. With Susan Biebel of the Automation Planning and Liaison Office as coordinator, the committee has discussed the RAG report on displays and messages, the SCORPIO user survey, and individual committee members' experiences in using Library of Congress on-line retrieval systems. By next month, the committee plans to issue a final report containing recommended filing options, the criteria used by the committee to select the options, suggestions on how users should be able to request these options, the relationship between filing options and the retrieval logic, the filing rules used to arrange the retrieved records, technical issues related to response time and the number of records retrieved, and, finally, suggested displays for the arranged records.

In its second six-month period, RAG also offered some recommendations on the retrieval of machine-readable records of maps. Richard Genter, head of the Reference Applications Section, Automated Systems Office (ASO), requested guidelines in making several files, including the maps file, available for retrieval. The Retrieval Advisory Group discussed retrieval of maps data within the context of existing systems and bibliographic data files. Based on these discussions, RAG made preliminary recommendations to Mr. Genter but with the promise that RAG would examine multiple file retrieval in greater depth during its third six-month period (May through November of this year).

As mentioned above, RAG's major effort in its second six months was to define a more unified Library of Congress retrieval system. Its recommendations sprang in part from certain presuppositions, namely, that the most useful capabilities of the existing retrieval systems, in the MUMS system, are (1) the special search keys which provide rapid access to known items; (2) the text search capability, that is, component word searching, which allows users to search in most fields in the bibliographic record for any word or combination of words; and (3) the cross-file search capability which allows users to retrieve records either from a single file or from combinations of files. These capabilities, in the SCORPIO system, are (1) the on-line tutorials and convenience capabilities; (2) the ability to browse or select from controlled search terms; and (3) the ability to retain sets of records and to perform Boolean and other operations on the saved sets.

These features should remain in an integrated system and be expanded as needed to achieve consistency. Some of these capabilities should be made available to all users through the establishment of a single sign-on to the system. Thus, users would be able to create sets of records by selecting controlled search terms (SCORPIO), retrieve records by using a special search key (MUMS), and then return to manipulate the record sets originally retrieved. Other capabilities must be extended to apply where they are not currently available. Thus, ASO must develop the capability to retain sets of records retrieved by the use of a MUMS command.

With these resuppositions to guide them, the members of RAG submitted the following short to medium range recommendations.

Displays and Messages

(1) All messages within the retrieval system should be consistent in content and format—that is, identical system occurrences should be communicated to users in the same way. This recommendation repeats and underscores one made in the May-November 1979 report to CAP and stresses the importance of the work of Mary Ellen Ward and her review committee, described above.

(2) Displays of the same type of data serving similar functions should be consistent in format and to a high degree in content. For any specific type of data,

all displays should be available for users as needed. Thus, users should be able with ease to call up a range of short and long displays. An appendix to the full RAG report includes a specification for several kinds of brief displays of sequential and guide records. RAG will submit in its next report specifications for full record displays.

Coordination of Indexes

(1) The update schedules for index files to the same files or file types (for example, the On-line Catalog) should be consistent with each other and with the full record files they reference.

(2) The initial planning and scheduling for new files to be put in the general retrieval system should deal with the entire spectrum of retrieval needs. The new retrieval capabilities should be implemented as nearly concurrently as possible. Particularly in those cases where the new file is a new record type within a class of files (such as the On-line Catalog), it should be able to be retrieved like other similar files. For example, the prospective maps file, to achieve consistency with the books file, should be up on **both** MUMS and SCORPIO within as short a time as possible.

System Capabilities, Command Structure, Search/Query Negotiation

(1) One sign-on should be good for all the system offers in either single or multiple file retrieval. Before this occurs, however, the following should happen. ASO should eliminate conflicting commands which would confuse the system. An example of such a command is "FIND" which exists in SCORPIO and MUMS, but performs a different function in each. And ASO should put in the system appropriate tutorial and convenience commands (see the section on this point below). In particular, the response to a sign-on should include a list of available data files and methods of access.

(2) There should be a single command structure for requesting successive screen displays and different display formats. Assuming the next generation of Library of Congress terminals will have a function key capability, these keys should be used to permit consistent manipulation of screen and display format as between what are now SCORPIO and MUMS commands.

(3) All types of accesses should have the capability to save retrieved sets of records and to perform subsequent Boolean or other operations on the saved sets.

(4) All accesses should have the ability to search multiple files. Mixes of data immediately needed are the same as those that can now be retrieved singly or in combination in MUMS (that is, maps, books, and, serials).

Human/Terminal Interface

The Library should make every effort to provide terminals which require the user to take the same action to achieve the same end. For example, the procedures used to enter a command to the system should be consistent. Because the Library must employ terminals which vary in the way they communicate with the central computer, for example, dial-up vs. directly connected terminals, there will be some unavoidable differences.

Tutorial and Convenience Commands

The tutorial and convenience commands now available in SCORPIO, like "SHOW," should be extended to support commands and capabilities within MUMS. ASO should employ NEWS to inform users that new or changed capabilities are available in LOCIS.

RAG identified several long-range goals for the Library's general retrieval system. LOCIS should include consistent, unambiguous retrieval capabilities which serve the entire range of on-line retrieval users. Stated in general terms, the Library retrieval facility should allow users several options.

(1) Users should be able to choose from a variety of data types or combinations of data from the general to the specific. An example of a general search would be a request for all information on oil exploration in all on-line files. An example of a specific search would be a request for maps on oil exploration in Canada.

(2) Users should be able to choose from a variety of types of access to the data. RAG argued that permitting users to search titles using the 3,1,1,1 formatted key, to have controlled term indexes which are browsable before selection, and to have text word retrieval on various fields within catalog records allows users to choose the most appropriate access depending on their needs and knowledge.

(3) Users should be able to choose from a variety of displays and record arrangements a presentation of data which is most useful to them.

All the characteristics mentioned above are available today in various degrees in MUMS or SCORPIO or both. The differences in the way people must use the retrieval systems, however, and the variations in the systems responses make difficult the full exploitation of all their capabilities. It is unrealistic to expect the occasional or irregular user to learn and remember different and sometimes conflicting capabilities, command languages, and systems responses.

As regards the stated longer-range objectives, the group noted that consistent command languages, retrieval capabilities, and data manipulation will mean

a significant change in the Library's current retrieval systems. For this reason, changes will have to be made incrementally and accomplished over time at a pace acceptable to users. The specific capabilities that should be made available to users of LOCIS can be determined only after additional consultation with users and more perspective is gained.

RAG urged the Library to make a strong commitment to a general retrieval system that offers a high level of consistency across files and for all users. The Library of Congress must view the system as well as the data itself as a Library-wide resource.

It urged finally that those working on enhancements to general retrieval capabilities should consult all primary user representatives from the very beginning of definition and planning.

In preparation for its third six-month report, due in November, RAG has created three work groups.

The Work Group on a Standard Full Format Display (Members: Larry Boyer, Law Library; Ruth Freitag, Research Services; Justin Kniemeyer, Processing Services; Mary Ellen Ward, Research Services; and Robert Zich, Planning and Development Office)

The Automation Planning and Liaison Office in Processing Services is writing specifications for a full format display to be used in the Computer Output Microform (COM) version of the new style National Union Catalog. The work group is experimenting with variations on this catalog card-like format—mainly variations in the placement and possible labeling of the call number—in an attempt to create a full-format display that would serve the needs of both SCORPIO and MUMS users.

The Work Group on a Single Retrieval Language (Members: Lela Beth Criswell, Copyright Office; Justin Kniemeyer; Edna Susman, Congressional Research Service; Mary Ellen Ward; and Robert Zich)

The work group is in touch with ANSI's Z39 Subcommittee on User/Systems Language (SCG) to secure documents that represent the subcommittee's thoughts on standard retrieval language. So far as possible, the Library of Congress would like to conform to national standards. When these documents are in hand, the work group will lay out the options drawn principally from the various internal systems (such as COPICS, SCORPIO, MUMS), from non-Library of Congress systems, and of course from SCG recommendations, and it will analyze the merits and demerits of each. Only then will it make its recommendations. RAG is hopeful that these deliberations might be assisted by some original research that it hopes to be able to undertake on user needs and reactions.

Work Group on Multiple File Retrieval (Members: Elizabeth Betz, Research Services; Lela Beth Criswell; Floris Flam, Congressional Research Service; Dorothy Glasby, Processing Services; Justin Kniemeyer; Betsy Mangan, Research Services; and Robert Zich)

The group has identified the present and projected machine files of most likely interest to users of a multifile system. It is breaking the list down into logical groupings and attempting to identify the kinds of access points to the various kinds of items in the files that would be of greatest value. It is trying to determine, for instance, if it is likely that users in the future would wish to search the book, map, motion picture, and manuscript files all at once, and if so what would be the common points of access that they might wish to employ. How should the results of the search be displayed—clumped by format, by title, by date? The work group hopes to begin to supply the answers by November.

RAG also foresees beginning a fourth work group, one to plan a retrieval system for naive or infrequent users. Jeff Griffith of the Congressional Research Service has agreed to chair the group. Its mission is obviously of great importance to the success of the Library's new on-line catalog.

RAG hopes to complete the design of a user study this fall. The objective of the survey is to provide information on users of the Library's retrieval systems which expands that found in an informal survey completed last winter. The survey may include the public as well as Library of Congress staff. Pamela Bacher, Automated Systems Office, and John Kaldahl, Congressional Research Service, will do the design of the study.

RAG would once again like to urge all those interested in giving assistance or advice to any of its work groups to contact Pamela Bacher, executive secretary of RAG, on ext. 75271, or any of the work group members. The members of RAG wish its reports and recommendations to rest on the strong foundation that only wide staff participation can supply.

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